


		NTSB ID: DCA06MA064		Aircraft Registration Number: N431CA	
		Occurrence Date: 08/27/2006		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Lexington	State KY	Zip Code	Local Time 0607	Time Zone EDT	
Airport Proximity:		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Bombardier, Inc.		Model/Series CRJ-100		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On August 27, 2006, about 0607 eastern daylight time, Comair flight 5191, a Bombardier CL-600-2B19 (CRJ-100), N431CA, crashed during takeoff from Blue Grass Airport, Lexington, Kentucky (LEX). The airplane, which had been cleared for runway 22, taxied onto runway 26 instead and ran off the end of runway 26. Of the 47 passengers and 3 crewmembers on board the airplane, 49 were killed, and 1 received serious injuries. The airplane was destroyed by impact forces and postcrash fire. The flight was operating under the provisions of 14 Code of Federal Regulations Part 121 and was en route to Hartsfield-Jackson Atlanta International Airport, Atlanta, Georgia (ATL).</p> <p>The public docket on this accident is now open and contains factual reports and documentation in the following areas: Operations, Human Performance, Weather, Air Traffic Control, Systems, Structures, Powerplants, Maintenance Records, Survival Factors and Airports, Cockpit Voice Recorder, Flight Data Recorder and Aircraft Performance.</p>					
FACTUAL REPORT - AVIATION					

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA06MA064			
		Occurrence Date: 08/27/2006			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name BLUE GRASS	Airport ID: LEX	Airport Elevation 979 Ft. MSL	Runway Used 26	Runway Length 3500	Runway Width 75
Runway Surface Type: Asphalt; Concrete					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: None					
Aircraft Information					
Aircraft Manufacturer Bombardier, Inc.		Model/Series CRJ-100		Serial Number 7472	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 54	Certified Max Gross Wt.	53000 LBS	Number of Engines: 2	
Engine Type: Turbo Fan	Engine Manufacturer: General Electric	Model/Series: CF-34-3A1	Rated Power: 8729 LBS		
- Aircraft Inspection Information					
Type of Last Inspection Continuous Airworthiness	Date of Last Inspection 08/2006	Time Since Last Inspection 0 Hours	Airframe Total Time 14536 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner First Union National Bank Trustee		Street Address			
		City Charlotte	State NC	Zip Code 28202	
Operator of Aircraft COMAIR INC		Street Address			
		City Erlanger	State KY	Zip Code 41018	
Operator Does Business As:			Operator Designator Code: COMR		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Flag Carrier/Domestic					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only					
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First Pilot Information																																																																																				
Name		City		State	Date of Birth	Age																																																																														
On File		On File		On File	On File	35																																																																														
Sex: M	Seat Occupied: Left	Principal Profession: Occupational Pilot		Certificate Number: On File																																																																																
Certificate(s): Airline Transport; Flight Instructor; Commercial; Sport Pilot																																																																																				
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																				
Rotorcraft/Glider/LTA: None																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Instrument Airplane																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft?				Current Biennial Flight Review? 07/2006																																																																																
Medical Cert.: Class 1		Medical Cert. Status: With Waivers/Limitations		Date of Last Medical Exam: 08/2006																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>4710</td> <td>3082</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td></td> <td>1567</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>158</td> <td>158</td> <td></td> <td>158</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>55</td> <td>55</td> <td></td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>3</td> <td>3</td> <td></td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	4710	3082									Pilot In Command(PIC)		1567									Instructor											Last 90 Days	158	158		158							Last 30 Days	55	55		5							Last 24 Hours	3	3		3						
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? Yes		Second Pilot? Yes																																																																														
Flight Plan/Itinerary																																																																																				
Type of Flight Plan Filed: IFR																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
Same as Accident/Incident Location			LEX		EDT																																																																															
Destination		State	Airport Identifier																																																																																	
Atlanta		GA	ATL																																																																																	
Type of Clearance: IFR																																																																																				
Type of Airspace:																																																																																				
Weather Information																																																																																				
Source of Briefing:																																																																																				
Company; National Weather Service																																																																																				
Method of Briefing:																																																																																				


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA06MA064	
		Occurrence Date: 08/27/2006	
		Occurrence Type: Accident	

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
LEX	0605	EDT	Ft. MSL	1 NM	260 Deg. Mag.
Sky/Lowest Cloud Condition: Few			9000 Ft. AGL	Condition of Light: Night/Dark	
Lowest Ceiling: None			Ft. AGL	Visibility: 8 SM	Altimeter: 30.00 "Hg
Temperature: 24 °C		Dew Point: 19 °C	Wind Direction: 200		Density Altitude: Ft.
Wind Speed:		Gusts:	Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): Ft.		Visibility (RVV) SM	Intensity of Precipitation:		
Restrictions to Visibility: No Obscuration; No Precipitation					
Type of Precipitation:					

Accident Information					
Aircraft Damage: Destroyed		Aircraft Fire: Ground		Aircraft Explosion: None	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot	1				1
Second Pilot		1			1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants	1				1
Other Crew					
Passengers	47				47
- TOTAL ABOARD -	49	1			50
Other Ground					
- GRAND TOTAL -	49	1			50

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	Occurrence Date: 08/27/2006	
	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) Joseph M. Sedor		
Additional Persons Participating in This Accident/Incident Investigation: David Keenan Federal Aviation Administration Washington, DC Scott Granger Air Line Pilot Association Powell Butte, OR John Coon Blue Grass Airport Lexington, KY Paul Vislosky Comair Inc. Erlanger, KY Les McVey GE Transportation Aircraft Engines Cincinnati, OH David Supplee Intl. Assoc. of Machinists and Aerospace Workers Seminole, FL Bill Shea National Air Traffic Controllers Association Hurst, TX Lynn Dziad Teamsters Local 513 Airline Division Florence, KY Jean-Marc Ledoux Transportation Safety Board of Canada Dorval, Canada,		
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